PTO/SB/05 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| Attorney Docket No. | MIT-131AUS | |
|------------------------|---|------|
| First Inventor | Janos Rohaly | P |
| Title | A METHOD OF MULTI-RESOLUTION ADAPTIVE CORRELATION PROCESSING | V |
| Express Mail Label No. | EU940041250US | |
| ADDRESS TO: | Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria VA 22313-1450 | 2215 |
| 7 CD-ROM or CD |)-R in duplicate, large table or | |

| See MPEP o | APPLICATION ELEMENTS chapter 600 concerning utility patent application contents. | ADDRESS TO: Mail Stop | Patent Application Q 1450 N a VA 22313-1450 |
|---|--|---|--|
| (Submit 2. X Applic See 3: 3. X Specif (preferr - Desci - Cross - State: - Refer or a c - Back - Brief - Brief - Detail - Claim | ransmittal Form (e.g., PTO/SB/17) it an original and a duplicate for fee processing) ant claims small entity status. 7 CFR 1.27. fication [Total Pages 37] red arrangement set forth below) riptive title of the invention s Reference to Related Applications ment Regarding Fed sponsored R & D rence to sequence listing, a table, computer program listing appendix ground of the Invention Summary of the Invention Description of the Drawings (if filed) lied Description n(s) act of the Disclosure | ii. Paper c. Statements verifyin ACCOMPANYING AI | endix) Sequence Submission form (CRF) |
| 5. Oath or Dec a. X Ne b. Co (for i 3. Appl 18. If a CONTI specification fo | provide the control of the control o | 10. 37 CFR 3.73(b) Statem (when there is an assignation Document 12. Information Disclosure Statement (IDS)/PTO-1 13. Preliminary Amendmen Return Receipt Postcar (Should be specifically in Certified Copy of Priorit (if foreign priority is claim Nonpublication Reques (b)(2)(B)(i). Applicant mor its equivalent. 17. Other: Pat. Applic. Tit ply the requisite information below and 7 CFR 1.76: | Attorney current (if applicable) Copies of IDS 499 Citations t d (MPEP 503) itemized) y Document(s) med) t under 35 U.S.C. 122 east attach form PTO/SB/35 tle Pg |
| Prior application in For CONTINUAT | information: Examiner TION OF DIVISIONAL APPS only; The entire disclosure of the d part of the disclosure of the accompanying continuation can only be relied upon when a portion has been inadve | Art Unit: e prior application, from which an oath | / incorporated by reference. |
| Custome | or Number or Bar Code Label | 2494 OR | Correspondence address below |
| Name | Robert V. Klauzinski | | |
| | Daly, Crowley & Mofford, LLP | | |
| Address | 275 Turnpike Street, Suite 101 | Cirta I s. a | 75- Codo coco / co |
| City | Canton | State MA | Zip Code 02021-2354 |
| Country | TOOK | elephone 781.401.9988 ext. 2 | 0 701-401-9900 |
| Name (Print/Ty | | Registration No. (Attorney/Agent) | 123,1 125 |
| Signature | Bebut V Elaugh. | | Date September 15, 2003 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
o a collection of information unless it displays a yalid OMB control number.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 424

| C mple | ete if Known |
|----------------------|------------------|
| Application Number | Not Yet Assigned |
| Filing Date | Herewith |
| First Named Inventor | Janos Rohaly |
| Examiner Name | Not Yet Assigned |
| Art Unit | Not Yet Assigned |
| Attorney Docket No. | MIT-131AUS |

| Check Credit card Money Order None Order None Deposit Account: Deposit Account Number Deposit Account Number Deposit Account Name The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments to the above-identified deposit account. FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$) Code (\$) Code (\$) Code (\$) Code (\$) Daly, Crowley & Mofford, LLP 1051 130 2051 65 Surcharge - late filing fee or oath 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet 1053 130 Non-English specification 1812 2,520 For filing a request for ex parte reexamination 1814 920* 1804 920* Requesting publication of SIR prior to Examiner action 1805 1,840* Requesting publication of SIR after Examiner action 1251 110 2251 55 Extension for reply within first month 1252 410 2252 205 Extension for reply within first month 1254 1,450 2254 725 Extension for reply within fund month 1255 1,970 2255 985 Extension for reply within fifth month 1255 1,970 2255 985 Extension for reply within fifth month 1401 320 2401 160 Notice of Appeal | | | FEE CALCULATION (continued) | | | OF PAYMENT (check all that apply) | METHO | | |
|--|----------|----------|---|---------|----------|-----------------------------------|--------------|--|------------------|
| Deposit Account Number Deposit Account Number Deposit Account Name Daly, Crowley & Mofford, LLP Name The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Code (\$) Fee Code (\$) 1051 130 2051 65 Surcharge - late provisional filing fee or cover sheet 1053 130 1053 130 Non-English specification 1812 2,520 1812 2,520 For filing a request for ex parte reexamination 1804 920* Requesting publication of SIR prior to Examiner action 1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action 1251 110 2251 55 Extension for reply within first month 1252 410 2252 205 Extension for reply within first month 1253 930 2253 465 Extension for reply within first month 1254 1,450 2254 725 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fifth month | | | 3. ADDITIONAL FEES | | | | Check | | |
| Deposit Account Number Deposit Account Number Deposit Account Number Deposit Account Name The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. TEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee | | | | Entity | Small | Entity | <u>Large</u> | | |
| Account Number Deposit Account Name The Director is authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee | . 1 | F D- | Fee Description | | | | | | |
| Number Deposit Account Name The Director is authorized to: (check all that apply) □ Charge fee(s) indicated below ★ Credit any overpayments □ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. See Fee Fee Fee Fee Fee Fee Fee Pee Pee P | العد | Fee Pa | Surcharge - late filing fee or oath | | | , | | 50-0845 | Account |
| Account Name The Director is authorized to: (check all that apply) Charge fee(s) indicated below Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. TEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee | \dashv | | • | | | | | | |
| The Director is authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. 1805 1812 1812 1812 1812 1812 1812 1813 1814 1815 1816 1816 1817 1817 1817 1818 | 一 | | | | 2052 | 30 | 1052 | Daly, Crowley & Mofford, LLP | Account |
| Charge fee(s) indicated below Credit any overpayments Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. 1805 1,840* 1805 1,840* 1806 920* 1807 Requesting publication of SIR prior to Examiner action 1805 1,840* 1806 1,840* 1807 Requesting publication of SIR after Examiner action 1806 1,840* 1807 Requesting publication of SIR after Examiner action 1808 1,840* 1809 1,840* 1809 1,840* 1809 1,840* 1809 1,840* 1800 | \dashv | | | | | 130 | 1053 | thorized to: (check all that apply) | |
| Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. Section 1805 1,840* 18 | \dashv | | • . | , | | 2,520 | 1812 | The second secon | |
| To the above-identified deposit account. FEE CALCULATION 1. BASIC FILING FEE Large Entity Fee Fee Fee Fee Fee Fee Pee Pee Pee Pee | | | | | 1804 | 920* | 1804 | _ | |
| The above-identified deposit account. FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Pee Gode (\$) 1001 750 2001 375 Utility filing fee 1251 110 2251 55 Extension for reply within first month 1252 410 2252 205 Extension for reply within second month 1253 930 2253 465 Extension for reply within third month 1254 1,450 2254 725 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fifth month | | | | ,840* | 1805 | 1,840* | 1805 | | |
| 1. BASIC FILING FEE Large Entity Fee Fee Fee Fee Fee Fee Pee Code (\$) 1001 750 2001 375 Utility filing fee 1252 410 2252 205 Extension for reply within second month 1253 930 2253 465 Extension for reply within third month 1254 1,450 2254 725 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fifth month | | | | 55 | 2251 | 110 | 1251 | | to the above-ide |
| 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Pee Description Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee 1253 930 2253 465 Extension for reply within third month 1254 1,450 2254 725 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fifth month | | | | | | | | | |
| Fee Fee Fee Fee Fee Fee Pee Description 1001 750 2001 375 Utility filing fee Fee Paid 1254 1,450 2254 725 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fifth month 1401 330 3401 160 Nation of Appendix | | | | | | | | | |
| Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee | | | • • | | | | | | |
| 1001 750 2001 375 Utility filing fee 375 4401 320 3401 160 Netter of Appeal | _ | | · • | | 1 | • | i | | |
| 1002 330 2002 165 Design filing fee 1401 320 2401 160 Notice of Appeal | | | | | | | | 3/5_ | 1001 750 |
| 1 4400 000 000 Filter a brief in support of an apport | \neg | | ··· | | i | | | | |
| 1003 520 2003 260 Plant filing fee 1402 320 2402 160 Filing a brief in support of an appeal | \neg | | • | | | | | | |
| 1004 750 2004 375 Reissue filing fee 1403 280 2403 140 Request for oral hearing | ᅱ | | | | | | 1 | | |
| 1005 160 2005 80 Provisional filing fee 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable | ᅥ | - | • | | 1 | | 1 | | 1005 160 |
| SUBTOTAL (1) (\$) 375 1452 110 2452 55 Petition to revive - unavoidable 1453 1.300 2453 650 Petition to revive - unintentional | _ | | | | | | | SUBTOTAL (1) (\$) 375 | Ι, |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1,300 2501 650 Utility issue fee (or reissue) | \dashv | | | | | | | AIM FEES FOR UTILITY AND REISSUE | 2. EXTRA C |
| Fee from Extra Claims below Fee Paid 1502 470 2502 235 Design issue fee | \neg | | • | | | - | | Fee from | |
| Total Claims 21 -20** = 1 x 9 = 9 1503 630 2503 315 Plant issue fee | \neg | | _ | | | | | | Total Claims |
| Independent 1 3** 0 X 42 = 0 460 400 Patition to the Completion | | | | | | | | | |
| Claims 1460 130 Petitions to the Commissioner 1460 130 Petitioner 1460 | | | | | | | | nt = | Multiple Depen |
| Large Entity Small Entity 1806 180 1806 180 Submission of Information Disclosure Stmt | | | Submission of Information Disclosure Stmt | 180 | 1806 | 180 | 1806 | | Large Entity |
| Fee Fee Fee Fee Fee Fee Description Code (\$) Recording each patent assignment per property (times number of properties) 40 Recording each patent assignment per property (times number of properties) | , | 40 | Recording each patent assignment per | 40 | 802 | 40 | 8021 | | |
| 1202 18 2202 9 Claims in excess of 20 1809 750 2809 375 Filing a submission after final rejection | \neg | | | 375 | 2809 | 750 | 1809 | 2202 9 Claims in excess of 20 | 1202 18 |
| 1201 84 2201 42 Independent claims in excess of 3 (37 ČFR 1.129(a)) | 괵 | | | | | | | 2201 42 Independent claims in excess of 3 | 1201 84 |
| 1203 280 2203 140 Multiple dependent claim, if not paid 1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) | | | | 375 | 2810 | 750 | 1810 | | |
| 1204 84 2204 42 ** Reissue independent claims over original patent 1801 750 2801 375 Request for Continued Examination (RCE) | | | , | 375 | 2801 | 750 | 1801 | | 1204 84 |
| 1205 18 2205 9 ** Reissue claims in excess of 20 1802 900 Request for expedited examination of a design application | | | | 900 | 1802 | 900 | 1802 | | 1205 18 |
| SUBTOTAL (2) (\$) 9 Other fee (specify) | <u>ب</u> | <u> </u> | | | ecify) _ | fee (sp | Other | SUBTOTAL (2) (\$) 9 | |
| **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40 | - 1 | 40 | ee Paid SUBTOTAL (3) (\$) | iling F | Basic | uced by | *Red | 300101AL (2) (\(\psi\) | **or number |

SUBMITTED BY

Name (Print/Type)

Robert V. Klauzinski

Registration No. (Attornev/Agent)

Attornev/Agent)

Signature

(Complete (if applicable)

42,742

Telephone 781.401.9988 ext. 26

Date 9/15/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.